PRECISION HOE

THE NEW HOE FOR CORN AND OTHER CEREAL CROPS

TH-SERIES

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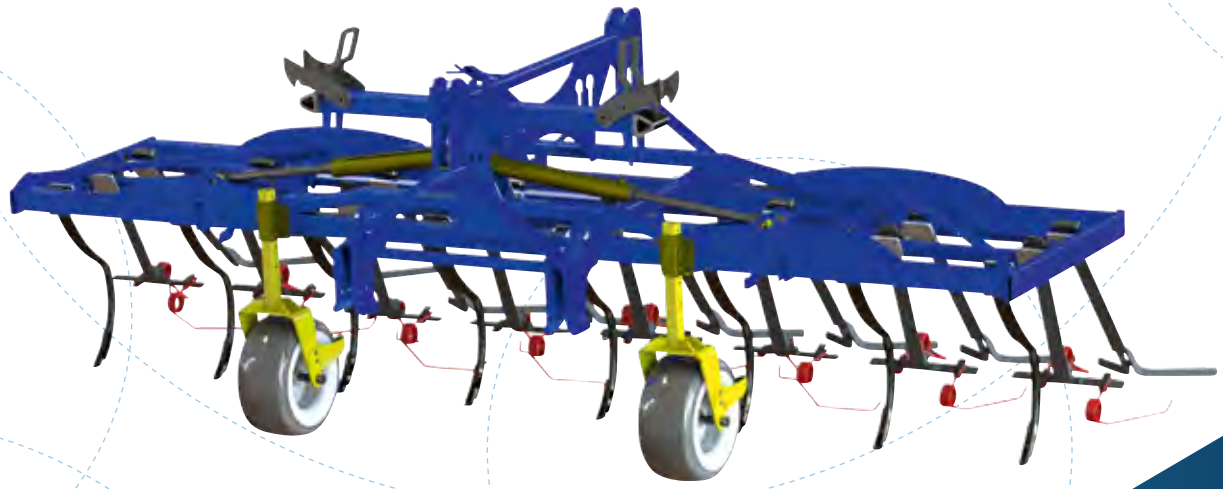


THE NEW TH-SERIES

Treffler TH series hoe

Principle of 3-beam hoe:

Tines known from the series TF spring-tooth cultivator with a 8 mm leaf spring act as guides. They run at the centre of the rows and are attached to the front beam of the hoe. These redesigned and patented tines cannot deviate to the side. The attachment points of the tines are located 15 cm in front of and 70 cm above the cultivating blade tips. This means that the machine works as a parallelogram-shaped hoe.

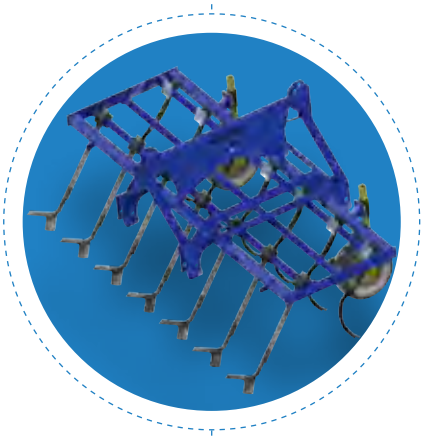
Depending on the actual crop growth stage, the second beam can be equipped with different tools such as torsion springs that scatter the uprooted weeds or additional cultivating blades or duckfoot tines made in 3 mm Hardox steel.

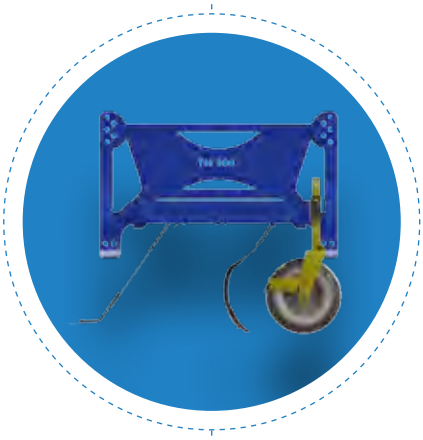
The third bar can be used to mount drag blades for cutting weeds and levelling rows. In combination with torsion springs at the second beam, the third beam might be equipped with two-pronged levellers to cover the weeds. The angles of the second and third beams can be adjusted. All tools are designed for easy mounting and adjustment by means of clamping screws.

For sowing, we recommend attaching our tines to the sowing machine in order to produce a defined track pattern. These tracks then serve as guides for the tools during hoeing. If there are no rows, the first hoe run can be performed with the machine attached to the front of the tractor **(front/rear attachment as standard)**. The tine runs at a depth of approx. 6 cm.

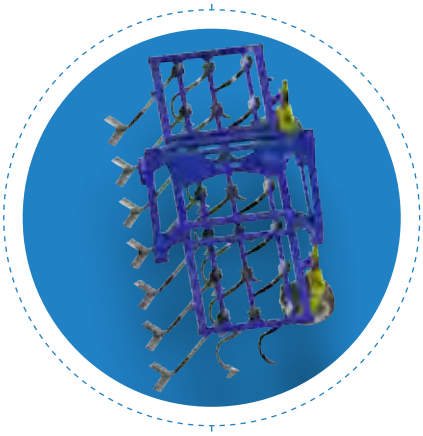
At subsequent runs, hoeing at speeds up to 20 km/h is possible. A chain serving as a depth stop prevents the tools from working the soil too deep. The precision hoe can also be operated with guide tines at the first beam, no tools at the second beam and drag blades at the third beam.

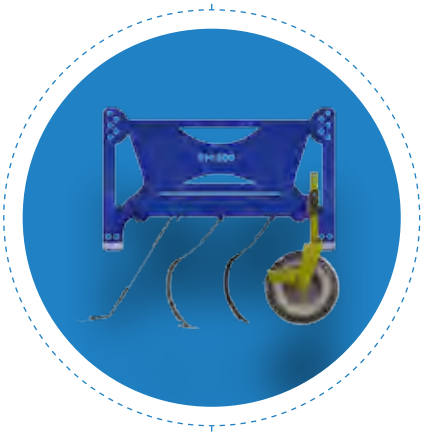
The precision hoe in detail



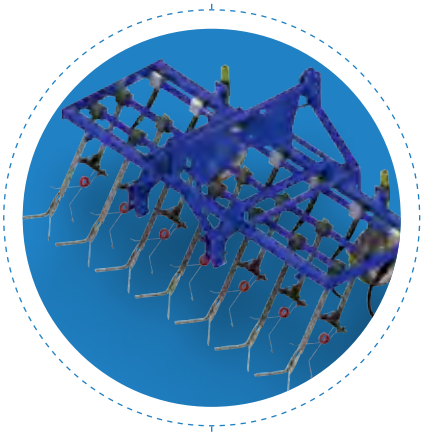


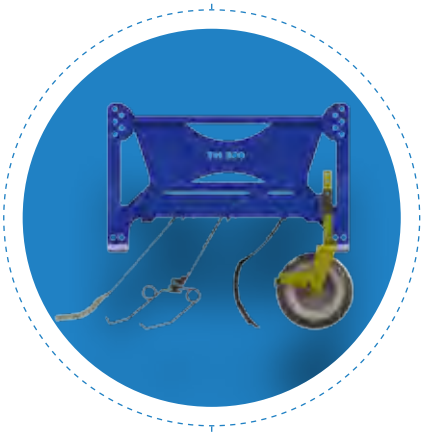
MODEL 1:
With guide tines and drag blades as standard





MODEL 2:
With guide tines, duckfoot tines and drag blades as standard





MODEL 3:
With guide tines, torsion springs and two-pronged levellers as standard

Simply the best.

The hoe for any job:

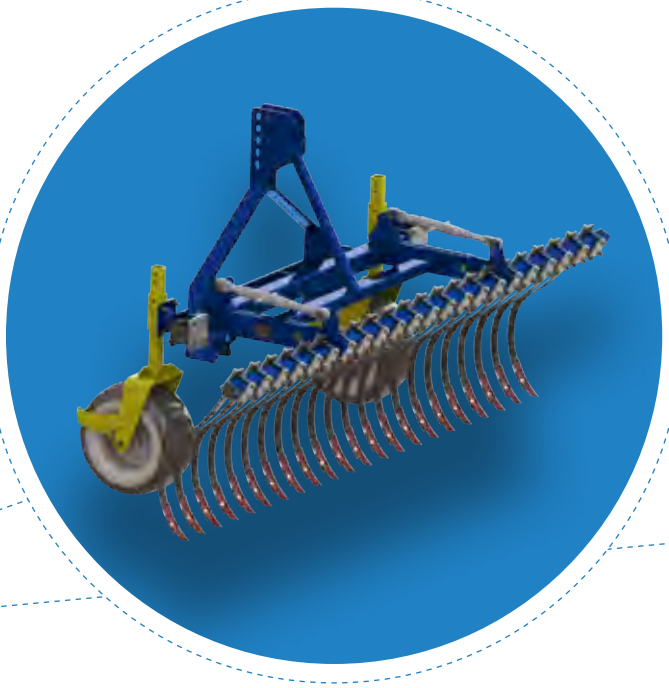
Precision hoe for green corn, sugar beet, cereals, broad beans , sunflowers, etc. Our hoe is easy to operate and highly efficient, especially when used in conjunction with our TS precision harrow. Under unfavourable weather conditions, for instance after a prolonged wet spell, removing weeds with a harrow might not be an option, and hoeing becomes indispensable.

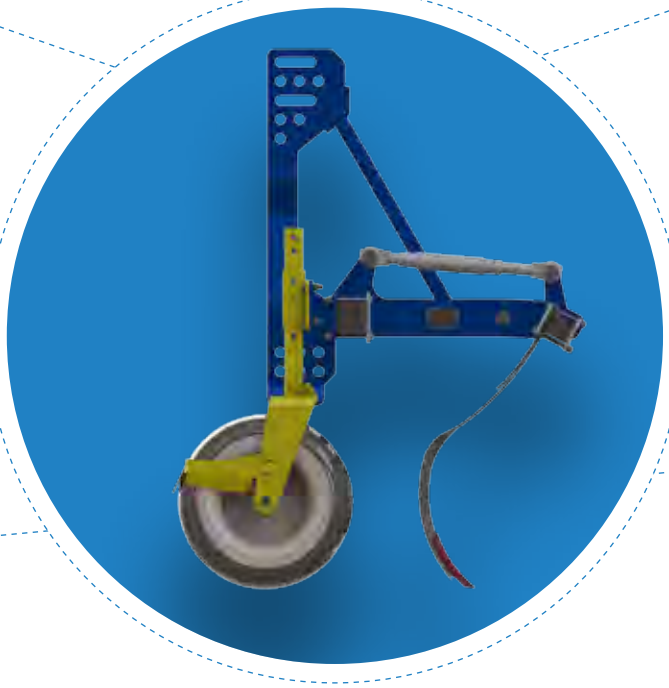
At various growth stages, crops such as soy beans might thus be hoed and weeded in rotation, whereby the harrow is run through the field one or two days after hoeing. Crop that might have been covered with soil are thus freed again, while large weeds are stopped in their growth and weed roots are dug up and die as they dry out.

A particularly useful method of weed control is attaching the hoe to the front of the tractor will pulling a precision harrow at the rear.

Treffler precision hoe in action

Hoe for cereal crops





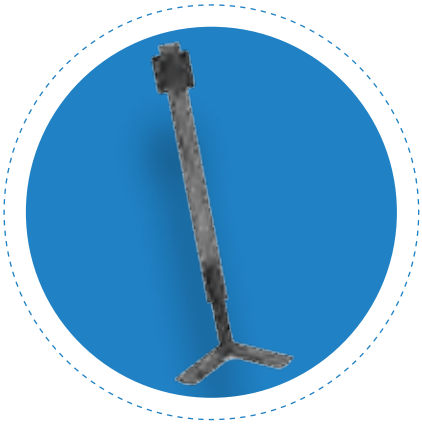
Hoe for cereal crops

Hoe for row distances of 12.5 cm / 15 cm / 25 cm / 30 cm

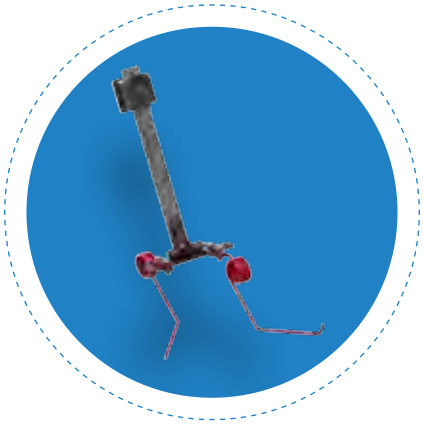
- Normally, our precision harrow is all you need for effective weed control
- Precondition: early weeding after crop sowing
- The harrow is particularly effective during the early crop stages
- If weeding is not possible, e.g. due to weather conditions, weeds might develop strong roots so that hoeing is the only way to remove them
- Hoeing must always be followed by weeding
- The hoe is equipped with our proven TF series tines. For advantages of this tine design, see page
- The angle of the tine beam can be easily adjusted by means of two clamping mechanisms
- The hoe comes with 2 height-adjustable support wheels with 4.80 / 4.00-8 tyres and 50 x 6 x 260 cultivating blades
- For large row distances, mount duck foot tines made from 3 mm Hardox steel (available in various widths)
- Standard model designed for front attachment
- On request, we provide rear attachment or rear/front attachment models

Tools at a glance

TH DRAG BLADE
Weight approx. 8.2 kg



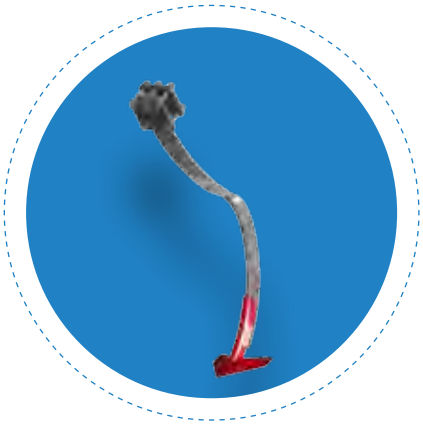
TH TORSION TINE
Weight approx. 7.5kg



TH CULTIVATING BLADE
Weight approx. 4.5 kg

TH LEVELLER
Weight approx. 6.5 kg

TH DUCK FOOT TINE
Weight approx. 5.6 kg



Technical data

Type / working width	Frame width	Transport width	Hydr. folding mechanism	Support wheels	Guide tines	Drag blades	Required traction force (approx.)	Weight (approx.)
			Row spacing 45 cm					
TH180/45 4-row	2.10 m	2.10 m	no	2	5	5	22 kW/30 HP	350 kg
TH270/45 6-row	2.98 m	2.98 m	no	2	7	7	33 kW/45 HP	480 kg
TH360/45 8-row	3.90 m	3.00 m	yes	2	9	9	44 kW/60 HP	650 kg
TH540/45 12-row	5.70 m	3.00 m	yes	4	13	13	55 kW/75 HP	890 kg
			Row spacing 50 cm					
TH200/50 4-row	2.30 m	2.30 m	no	2	5	5	22 kW/30 HP	370 kg
TH300/50 6-row	3.30 m	3.00 m	yes	2	7	7	33 kW/45 HP	510 kg
TH400/50 8-row	4.30 m	3.00 m	yes	4	9	9	48 kW/65 HP	670 kg
TH600/50 12-row	6.30 m	3.00 m	yes	4	13	13	59 kW/80 HP	970 kg
			Row spacing 55 cm					
TH380/55 7-row	4.10 m	3.00 m	yes	2	8	8	44 kW/60 HP	630 kg
			Row spacing 75 cm					
TH300/75 4-row	3.30 m	3.00 m	yes	2	5	5	26 kW/35 HP	540 kg
TH470/75 6-row	4.80 m	3.00 m	yes	4	7	7	33 kW/45 HP	895 kg
TH600/75 8-row	6.30 m	3.00 m	yes	4	9	9	48 kW/65 HP	990 kg
TH900/75 12-row	9.30 m	3.00 m	yes	4	13	13	59 kW/80 HP	1450 kg
			Hoe for cereal crop					
TH250/12,5 20-row	2.50 m	2.50 m	no	2	19	nein	22 kW/30 HP	280 kg
TH300/12,5 24-row	3.00 m	3.00 m	no	2	23	nein	22 kW/30 HP	322 kg
TH300/15 20-row	3.00 m	3.00 m	no	2	19	nein	33 kW/45 HP	290 kg
TH300/25 12-row	3.00 m	3.00 m	no	2	11	nein	37 kW/50 HP	260 kg
TH300/3010-row	3.00 m	3.00 m	no	2	9	nein	37 kW/50 HP	250 kg

THE MACHINE IS AVAILABLE IN ANY OF THE ABOVE WORKING WIDTH AND ROW SPACING COMBINATIONS.

Available from

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